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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/088,842	06/13/2002	Giovanni Battista Zenga	DYOUN0227US	2178
7590 12/31/2003			EXAMINER	
Cynthia S Murphy Renner Otto Boisselle & Sklar 19th Floor 1621 Euclid Avenue Cleveland, OH 44115			ZIMMERMAN, JOHN J	
			ART UNIT	PAPER NUMBER
			1775	
DATE MAILED: 12/31/2003				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/088,842

Applicant(s)

ZENGA, GIOVANNI BATTISTA

Examiner

John J. Zimmerman

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 October 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 and 12-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,4-10 and 12-18 is/are rejected.
- 7) ☒ Claim(s) 2,3 and 19 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☒ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

SECOND OFFICE ACTION

Amendment

1. The letter titled Response to Office Action Dated June 5, 2003 received October 10, 2003 has been entered. Claims 1-10 and 12-19 are pending in this application.

Claim Rejections - 35 USC § 112, Second Paragraph

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1, 4-10 and 12-18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

4. Regarding claims 1, 4-10 and 12-18, it is unclear as to what dimensions qualify a hole as a "microhole" (e.g. see independent claim 1, lines 2 and 3). The applicant's disclosure gives no guidance in determining the scope of the term "microhole". It is not clear how small a hole must be in order to meet this limitation. For all that can be determined, the term "microhole" may have limits of tens, hundreds or thousands or more of microns. For purposes of claim interpretation in applying prior art in the ensuing rejections under 35 U.S.C. 102 and 103, the term "microhole" will simply be interpreted as having small holes.

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5. Regarding claims 5-10, it is indefinite as to how a tubular filter element is to be combined with a medical device or a heat sink.

Claim Rejections - 35 USC § 112, First Paragraph

6. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

7. Claims 5-10 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claims contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor, at the time the application was filed, had possession of the claimed invention. Regarding claims 5-10, it is not clear where the originally filed disclosure describes a tubular filter element combined with a medical device or a heat sink. Unless proper support in the original disclosure is shown, the combination of these limitations is considered new matter.

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

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(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

9. Claims 1, 4-5, 9-10 and 12-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Klemm (U.S. Patent 4,039,397).

10. Klemm discloses electroforming cylindrical screens (e.g. see Figures 1-4; column 4, lines 5-29). Regarding the intended use of the devices recited in claim 5 and claims 9-10, a recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish the claimed invention from the prior art. If the prior art structure is capable of performing the intended use, then it meets the claim. See *In re Casey*, 152 USPQ 235 (CCPA 1967) and *In re Otto*, 136 USPQ 458, 459 (CCPA 1963). In addition, the recitation has not been given patentable weight because the recitation occurs in the preamble. A preamble is generally not accorded any patentable weight where it merely recites the purpose of a process or the intended use of a structure, and where the body of the claim does not depend on the preamble for completeness but, instead, the process steps or structural limitations are able to stand alone. See *In re Hirao*, 535 F.2d 67, 190 USPQ 15 (CCPA 1976) and *Kropa v. Robie*, 187 F.2d 150, 152, 88 USPQ 478, 481 (CCPA 1951). The mere fact that the sieve is metal means that will function as a heat sink to whatever it may be affixed to.

Allowable Subject Matter

11. Claims 2, 3 and 19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

12. Applicant's arguments filed October 10, 2003 have been fully considered but they are not persuasive.

13. Regarding the rejection of claims 1, 4-10 and 12-18 under 35 U.S.C. 112, second paragraph, as being indefinite because it is unclear as to what dimensions qualify a hole as a "microhole" (e.g. see independent claim 1, lines 2 and 3), applicant argues that such an expression is a well-understood term of art, whereby no numerical range limitation is necessary. Applicant also cites Lennox Lasers Tungsten Aperture technical data as "Exhibit A" as evidence and also argues that applicant's specification recites hole sizes. Regarding the issue of "Exhibit A", the examiner notes that this exhibit appears to have no relationship to the applicant's specification and there is no evidence of record that the applicant's specification was intended, as originally filed, to rely on Exhibit A to define the term "microhole" relative to applicant's invention. Regarding the issue that applicant's specification gives examples of microholes, the examiner again notes that the applicant's disclosure gives no actual guidance in determining the actual scope of the term "microhole" as it is to be interpreted in the claims. While some specific diameters of holes may be given in the specification, there is no overall definition of what

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diameters fall (or do not fall) within the scope of "microholes" for the purposes of the applicant's invention.

14. It should also be noted that applicant's amendments to independent claim 1 created a tubular filter element combined with a medical device or a heat sink in claims 5-10. It is not clear how these claims are to be interpreted since no such devices were described in the original disclosure.

15. Regarding the remaining art based rejection of the claims under 35 U.S.C. 102(b) as being anticipated by Klemm (U.S. Patent 4,039,397), Klemm discloses electroforming cylindrical screens (e.g. see Figures 1-4; column 4, lines 5-29). Applicant argues that none of the cited art documents disclose the features of the claims, but Klemm clearly shows a screen having physical characteristics that meet the physical limitations of the claims. Although Klemm may not recite that his screen is intended as a filter element, a recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish the claimed invention from the prior art. If the prior art structure is capable of performing the intended use, then it meets the claim. See *In re Casey*, 152 USPQ 235 (CCPA 1967) and *In re Otto*, 136 USPQ 458, 459 (CCPA 1963). In addition, the recitation has not been given patentable weight because the recitation occurs in the preamble. A preamble is generally not accorded any patentable weight where it merely recites the purpose of a process or the intended use of a structure, and where the body of the claim does not depend on the preamble for completeness but, instead, the process steps or structural

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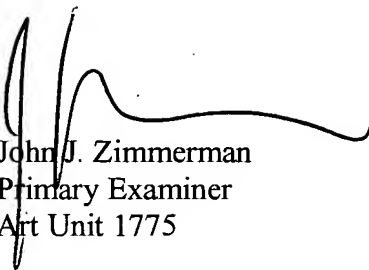
Conclusion

16. Applicant's amendments adding limitations to the independent claim and adding new claims necessitated the new grounds of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a). A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John J. Zimmerman whose telephone number is (703) 308-2512. The examiner can normally be reached on 8:30am-5:00pm, M-F. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9310 for regular communications and (703) 872-9311 for After Final communications. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0661.

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John J. Zimmerman
Primary Examiner
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jjz
December 23, 2003